

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. ____

FOR

HOWARD E. CAYWOOD, INC.
SECTION 19 & 24 LEASES
MIDWAY-SUNSET OIL FIELD
KERN COUNTY

Compliance with this Monitoring and Reporting Program, and with the Standard Provisions and Reporting Requirements dated 1 March 1991, is ordered by Waste Discharge Requirements Order No. _____.

Failure to comply with this Program, or with the Standard Provisions and Reporting Requirements, constitutes noncompliance with the Waste Discharge Requirements and the Water Code, which can result in the imposition of civil monetary liability.

A. REQUIRED REPORTS

Report

Due

- | | |
|--|-----------------------------|
| 1. Wastewater Monitoring (Section C.1) | Annually¹ |
| 2. Facility Inspection (Section C.2) | Annually¹ |

¹ The Annual Report is due by 1 May of each year and shall include all analytical results and measurements performed during the year, and the facility inspection results.

B. REPORTING

The Discharger shall report monitoring data and information as required in this Monitoring and Reporting Program and as required by appropriate sections of the Standard Provisions and Reporting Requirements. Reports that do not comply with the required format will be **REJECTED** and the Discharger shall be deemed to be in noncompliance with the Waste Discharge Requirements. In reporting the monitoring data required by this program, the Discharger shall arrange the data in tabular form so that the date, the constituents, the concentrations, and the units are readily discernible.

C. MONITORING

1. Wastewater Monitoring

At least once annually, a representative sample for wastewater analysis shall be taken at the point of discharge into the sumps. If discharge is not occurring, a representative sample shall be taken from wastewater within the sumps. Chemical analyses used in monitoring shall be performed as required by Water Code Section 13176 and Health and Safety Code Section 100825. Minimum analytical requirements for waste discharged at the facility are as follows:

<u>Parameter/Constituent</u>	<u>Analytical Method</u> ¹	<u>Reporting Units</u>
Total Annual Flow	estimate	bbl or gal
Electrical Conductivity, EC @ 25°C	EPA 120.1	µmhos/cm
Total Dissolved Solids, TDS	SM 2540C	mg/L
Chloride	EPA 300.0	mg/L
Boron	EPA 200.7	mg/L
Benzene, Toluene, Ethylbenzene, and Xylene compounds	EPA 8260	µg/L

¹ Other approved analytical methods may be proposed if they provide equal or greater accuracy or precision.

2. Freeboard Inspection

The freeboard shall be monitored on the sumps to the nearest tenth of a foot. A permanent marker shall be placed in the sumps with calibration including the water level at maximum capacity and available freeboard (minimum of two feet). Freeboard observations/measurements shall be conducted and recorded twice monthly. Freeboard monitoring reports shall be submitted with the annual reports.

3. Facility Inspection

The Discharger shall inspect all surface impoundment and drainage facilities for damage annually and following any major storm event and report any damage within 24 hours. Necessary repairs shall be implemented as soon as practicable and the Discharger shall report any subsequent repairs within 30 days of completion. The results of inspections shall be summarized in the annual report.

Ordered by: _____
THOMAS R. PINKOS, Executive Officer

(Date)